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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/511,612-Conf. #4076
				Filing Date	August 5, 2005
				First Named Inventor	Fritz H. BACH
				Art Unit	1652
				Examiner Name	H. A. Robinson
Sheet	1	of	30	Attorney Docket Number	CNZ-006USRCE

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1*	US-4,053,590	10-11-1977	Bonsen et al.	
	A2*	US-4,264,739	04-28-1981	Grabner et al.	
	A3*	US-4,923,817	05-08-1990	Mundt et al.	
	A4*	US-4,979,939	12-25-1990	Shiber	
	A5*	US-5,084,380	01-28-1992	Carney	
	A6*	US-5,180,366	01-19-1993	Woods	
	A7*	US-5,240,912	08-31-1993	Todaro	
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	A12*	US-5,588,960	12-31-1996	Edwards et al.	
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	A16*	US-5,731,326	03-24-1998	Hart et al.	
	A17*	US-5,756,492	05-26-1998	Buelow et al.	
	A18*	US-5,763,431	06-09-1998	Jackson	
	A19*	US-5,792,325	08-11-1998	Richardson, Jr.	

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	B1	JP-53-81611	07-19-1978	Okazaki, K.	
	B2	JP-56-79957	06-30-1981	Sogo Seibutsu Igaku Kenkyusho	Abstr.
	B3	WO-94/22482-A1	10-13-1994	Biorelease Technologies, Inc.	
	B4	WO-95/35105-A1	12-28-1995	LTS Lohmann Therapie- Systeme GmbH & Co. KG	Abstr.
	B5	WO-98/08523-A1	03-05-1998	Messer Griesheim GmbH	Abstr.
	B6	WO-98/13058-A1	04-02-1998	The Trustees of Columbia University in the City of New York	

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A21*	US-5,885,621		03-23-1999	Head et al.	
A22*	US-5,914,316		06-22-1999	Brown et al.	
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B8	WO-99/47512-A1		09-23-1999	Celgene Corporation	
B9	WO-99/49880-A1		10-07-1999	The Trustees of Columbia University in the City of New York	
B10	WO-00/36113		06-22-2000	Sangstat Medical Corporation	
B11	WO-00/61166		10-19-2000	Breonics, Inc.	
B12	WO-02/09731-A1		02-07-2002	L'Air Liquide Sante (International)	Abstr.

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A45*	US-20040067261	04-08-2004	Haas et al.		
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B13	FR-2816212-A1		05-10-2002	Air Liquide Sante (International)	
B14	WO-02/092075-A2		11-21-2002	Northwick Park Institute for Medical Research et al.	
B15	WO-03/000114-A2		01-03-2003	Beth Israel Deaconess Medical Center et al.	
B16	WO-04/004817-A1		01-15-2004	Ino Therapeutics GmbH	

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NON PATENT LITERATURE DOCUMENTS			
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	C2	Agarwal, Anupam et al., "Renal Response to Tissue Injury: Lessons from Heme Oxygenase-1 Gene Ablation and Expression," <i>J. Am. Soc. Nephrol.</i> , Vol. 11:965-973 (2000)	
	C3	Akagi, Reiko et al., "Fundamental Role of Heme Oxygenase in the Protection Against Ischemic Acute Renal Failure," <i>Jpn. J. Pharmacol.</i> , Vol. 88:127-132 (2002)	
	C4	Allred, Elizabeth N. et al., "Effects of Carbon Monoxide on Myocardial Ischemia," <i>Environmental Health Perspectives</i> , Vol. 91:89-132 (1991)	
	C5	American Cancer Society, "Colorectal Cancer Treatment: An Overview," retrieved online at http://www.cancer.org/docroot/NWS/content/NW_1_1x_Colorectal_cancer_treatment (2000)	
	C6	American Thoracic Society, "Single-breath Carbon Monoxide Diffusing Capacity (Transfer Factor)," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 152:2185-2198 (1995)	
	C7	American Thoracic Society, "Single Breath Carbon Monoxide Diffusing Capacity (Transfer Factor), Recommendations for a Standard Technique," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 136 (5):1299-1307 (1987)	
	C8	Appel, James Z., III et al., "The Pig as a Source of Cardiac Xenografts," <i>J. Card. Surg.</i> , Vol. 16:345-356 (2001)	
	C9	Arcasoy, Murat O. et al., "Erythropoietin (EPO) Stimulates Angiogenesis In Vivo and Promotes Wound Healing," <i>Blood</i> , Vol. 98:822A-823A (2001)	
	C10	Arita, Seiji et al., "Prevention of Primary Islet Isograft Nonfunction in Mice with Pravastatin," <i>Transplantation</i> , Vol. 65(11):1429-1433 (1998)	

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	C11	Arnush, Marc et al., "IL-1 Produced and Released Endogenously within Human Islets Inhibits β Cell Function," <i>J. Clin. Invest.</i> , Vol. 102(3):516-526 (1998)	
	C12	Avihingsanon, Yingyos et al., "Expression of Protective Genes in Human Renal Allografts: A Regulatory Response to Injury Associated with Graft Rejection," <i>Transplantation</i> , Vol. 73(7):1079-1085 (2002)	
	C13	Bach, Fritz H. et al., "Accommodation of vascularized xenografts: Expression of 'protective genes' by donor endothelial cells in a host Th2 cytokine environment," <i>Nature Medicine</i> , Vol. 3(2):196-204 (1997)	
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	C15	Baim, Donald S. et al., "Treatment of Coronary Stenoses and Occlusions with Coronary Angioplasty," <i>Harrison's Principles of Internal Medicine</i> , 13th Edition, McGraw-Hill, Inc., Kurt J. Isselbacher Eds., Vol. 1:986-987 (1994)	
	C16	Bathoorn, E. et al., "Anti-inflammatory effects of inhaled carbon monoxide in patients with COPD: a pilot study," <i>Eur. Respir. J.</i> , Vol. 30:1131-1137 (2007)	
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	C18	Bentley, Michael J. et al., "Successful Cardiac Transplantation With Methanol or Carbon Monoxide-Poisoned Donors," <i>Ann. Thorac. Surg.</i> , Vol. 71:1194-1197 (2001)	
	C19	Berney, Thierry et al., "Islet cell transplantation: the future?" <i>Langenbeck's Arch. Surg.</i> , Vol. 385:373-378 (2000)	
	C20	Billiar, Timothy R., "The diverging roles of carbon monoxide and nitric oxide in resuscitated hemorrhagic shock," <i>Critical Care Medicine</i> , Vol. 27(12):2842-2843 (1999)	

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	C21	Bracho, G.E., II, et al., "Carbon Monoxide Protects against Organ Injury in Hemorrhagic Shock/Resuscitation," <i>Journal of Surgical Research</i> , Vol. 107:267-338 (2002)		
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	C23	Brouard, Sophie et al., "Carbon Monoxide Generated by Heme Oxygenase 1 Suppresses Endothelial Cell Apoptosis," <i>J. Exp. Med.</i> , Vol. 192(7):1015-1025 (2000)		
	C24	Brouard, Sophie et al., "Heme Oxygenase-1-derived Carbon Monoxide Requires the Activation of Transcription Factor NF-κB to Protect Endothelial Cells from Tumor Necrosis Factor-α-mediated Apoptosis," <i>The Journal of Biological Chemistry</i> , Vol. 277(20):17950-17961 (2002)		
	C25	Brouard, S. et al., "Molecular mechanism underlying the anti-apoptotic effect of Heme oxygenase-1 derived carbon monoxide," <i>Xenotransplantation</i> , Vol. 8(Suppl. 1):22 2001)		
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	C29	Campbell, J. Argyll, "Living at Very High Altitudes and Maintenance of Normal Health," <i>The Lancet</i> , Vol. 1:370-373 (1930)		
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	C31	Cantrell, James M. et al., "Low-dose Carbon Monoxide Does Not Reduce Vasoconstriction in Isolated Rat Lungs," <i>Experimental Lung Research</i> , Vol. 22:21-32 (1996)	
	C32	Caplan, Michael S. et al., "Role of Asphyxia and Feeding in a Neonatal Rat Model of Necrotizing Enterocolitis," <i>Pediatric Pathology</i> , Vol. 14:1017-1028 (1994)	
	C33	Cardell, Lars-Olaf et al., "Bronchodilation <i>in vivo</i> by carbon monoxide, a cyclic GMP related messenger," <i>British Journal of Pharmacology</i> , Vol. 124:1065-1068 (1998)	
	C34	Carlsson, Per-Ola et al., "Measurements of Oxygen Tension in Native and Transplanted Rat Pancreatic Islets," <i>Diabetes</i> , Vol. 47:1027-1032 (1998)	
	C35	Carraway, M.S. et al., "Induction of ferritin and heme oxygenase-1 by endotoxin in the lung," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 275:L583-L592 (1998)	
	C36	Cecil Textbook of Medicine (21st Ed.) Vol. 1:273-279, 357-372, 387-419, 425-427, 436-448, 466-475, 507-512, 1060-1074 (2000)	
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	C42	Chin, Beek Yoke et al., "Transcriptional regulation of the HO-1 gene in cultured macrophages exposed to model airborne particulate matter," <i>Am. J. Physiol. Lung Cell. Mol. Physiol.</i> , Vol. 284:L473-L480 (2003)	
	C43	Choi, Augustine M.K. et al., "Emerging Role of Carbon Monoxide in Physiologic and Pathophysiologic States," <i>Antioxidants & Redox Signaling</i> , Vol. 4(2):227-228 (2002)	
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	C45	Choi, Augustine M.K., "Heme Oxygenase-1 Protects the Heart," <i>Circulation Research</i> , Vol. 89:105-107 (2001)	
	C46	Choi, Augustine M.K. et al., "'Therapeutic' Carbon Monoxide May be a Reality Soon," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 171:1318-1319 (2005)	
	C47	Christodoulides, Nick et al., "Vascular Smooth Muscle Cell Home Oxygenases Generate Guanylyl Cyclase-Stimulatory Carbon Monoxide," <i>Circulation</i> , Vol. 91:2306-2309 (1995)	
	C48	Clayton, Carolyn E. et al., "Inhaled carbon monoxide and hyperoxic lung injury in rats," <i>Am. J. Physiol. Cell Mol. Physiol.</i> , Vol. 281:L949-L957 (2001)	
	C49	ClinicalTrials.gov, "Carbon Monoxide to Prevent Lung Inflammation," retrieved online at http://clinicaltrials.gov/ct2/show?spons=%22National+Institutes+of+Health+Clinical+Center+(C)22&spons_ex=Y&rank=8 (2007)	
	C50	ClinicalTrials.gov, "Modification of Chronic Inflammation by Inhaled Carbon Monoxide in Patients With Stable Chronic Obstructive Pulmonary Disease (COPD)," retrieved online at http://clinicaltrials.gov/ct2/show/NCT00122694?term=neutrophils&rank=74 (2006)	

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	C51	Corbett, John A. et al.: "Nitric oxide mediates cytokine-induced inhibition of insulin secretion by human islets of Langerhans," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90:1731-1735 (1993)	
	C52	Cozzi, E. et al., "Donor Preconditioning with Carbon Monoxide (CO) in Pig-to-Primate Xenotransplantation," <i>Xenotransplantation</i> , Vol. 10:528 (2003)	
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	C55	Davidson, Jeffrey M. et al., "Inflammatory Modulation and Wound Repair," <i>The Journal of Investigative Dermatology</i> , pgs. xi-xii (2003)	
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	C57	Dioum, Elhadji M. et al., "NPAS2: A Gas-Responsive Transcription Factor," <i>Science</i> , Vol. 298:2385-2387 (2002)	
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	C60	Donnelly, Louise E. et al., "Expression of Heme Oxygenase in Human Airway Epithelial Cells," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 24:295-303 (2001)	

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	C61	Downard, Patrick J. et al., "Heme Oxygenase-Dependent Carbon Monoxide Production Is a Hepatic Adaptive Response to Sepsis," <i>Journal of Surgical Research</i> , Vol. 71:7-12 (1997)	
	C62	Dyck, E. Danielle et al., "Carbon Monoxide (CO) Attenuates Lipopolysaccharide (LPS)-Induced Cytokine Expression of IL-6," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1):64 (2000)	
	C63	Ellenhorn, Matthew J. et al., "Carbon Monoxide," <i>Medical Toxicology, Diagnosis and Treatment of Human Poisoning</i> , Elsevier, Chpt. 34, pgs. 820-829 (1988)	
	C64	Farrugia, Gianrico et al., "Heme Oxygenase, Carbon Monoxide, and Interstitial Cells of Cajal," <i>Microsc. Res. Tech.</i> , Vol. 47:321-324 (1999)	
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	C71	Goto, Jun et al., "Heme Oxygenase-1 Reduces Murine Monocrotaline-Induced Pulmonary Inflammatory Responses and Resultant Right Ventricular Overload," <i>Antioxidants & Redox Signaling</i> , Vol. 4(4):563-568 (2002)		
	C72	Grau, Cai et al., "Effect of Carbon Monoxide Breathing on Hypoxia and Radiation Response in the SCCVII Tumor <i>In Vivo</i> ," <i>Int. J. Radiation Oncology Biol. Phys.</i> , Vol. 29(3):449-454 (1994)		
	C73	Grau, Cai et al., "Influence of Carboxyhemoglobin Level on Tumor Growth, Blood Flow, and Radiation Response in an Experimental Model," <i>Int. J. Radiation Oncology Biol. Phys.</i> , Vol. 22:421-424 (1992)		
	C74	Günther, Lukas et al., "Carbon Monoxide Protects Pancreatic β-Cells From Apoptosis and Improves Islet Function/Survival After Transplantation," <i>Diabetes</i> , Vol. 51:994-999 (2002)		
	C75	Guo, Xin et al., "Modulation of heme oxygenase in tissue injury and its implication in protection against gastrointestinal diseases," <i>Life Sciences</i> , Vol. 69:3113-3119 (2001)		
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	C81	Hartsfield, Cynthia L. et al., "Regulation of heme oxygenase-1 gene expression in vascular smooth muscle cells by nitric oxide;" <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 273:L980-L988 (1997)	
	C82	Hashiba, T. et al., "Adenovirus-mediated transfer of heme oxygenase-1 cDNA attenuates severe lung injury induced by the influenza virus in mice," <i>Gene Therapy</i> , Vol. 8:1499-1507 (2001)	
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	C91	Katori, Masamichi et al., "Heme Oxygenase-1 System in Organ Transplantation," <i>Transplantation</i> , Vol. 74:905-912 (2002)	
	C92	Kaufman, Dixon B. et al., "Differential Roles of Mac-1+ Cells, and CD4+ and CD8+ T Lymphocytes in Primary Nonfunction and Classic Rejection of Islet Allografts," <i>J. Exp. Med.</i> , Vol. 172:291-302 (1990)	
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	C94	Kozma, Fruzsina et al., "Role of carbon monoxide in heme-induced vasodilation," <i>European Journal of Pharmacology</i> , Vol. 323:R1-R2 (1997)	
	C95	Krause, K. et al., "Recombinant human erythropoietin and VEGF have equal angiogenic potency: investigation in a novel in vitro assay of human vascular tissue," <i>European Heart Journal</i> , Vol. 22:154 (2001)	
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	C98	Lee et al., "Intestinal Motility and Absorption in Acute Carbon Monoxide Poisoning," <i>The Seoul Journal of Medicine</i> , Vol. 15(2):95-105 (1974)	
	C99	Lee, Patty J. et al., "Regulation of Heme Oxygenase-1 Expression In Vivo and In Vitro in Hyperoxic Lung Injury," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 14:556-568 (1996)	
	C100	Lefer, David J. et al., "A Comparison of Vascular Biological Actions of Carbon Monoxide and Nitric Oxide," <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , Vol. 15(9):617-622 (1993)	

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	C104	Liu, Yuxiang et al., "Carbon Monoxide and Nitric Oxide Suppress the Hypoxic Induction of Vascular Endothelial Growth Factor Gene via the 5' Enhancer," <i>The Journal of Biological Chemistry</i> , Vol. 273(24):15257-15262 (1998)	
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	C110	Mayr, Florian B. et al., "Effects of Carbon Monoxide Inhalation during Experimental Endotoxemia in Humans," <i>Am. J. Respir. Crit. Care Med.</i> , Vol. 171:354-360 (2005)	

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	C111	Mazzola, S. et al., "Carbon monoxide pretreatment prevents respiratory derangement and ameliorates hyperacute endotoxic shock in pigs," <i>The FASEB Journal</i> , Vol. 19(14):1-18 (2005)		
	C112	Meilin, S. et al., "Effects of carbon monoxide on the brain may be mediated by nitric oxide," <i>J. Appl. Physiol.</i> , Vol. 81(3):1078-1083 (1996)		
	C113	Melo, Luis G. et al., "Gene Therapy Strategy for Long-Term Myocardial Protection Using Adeno-Associated Virus-Mediated Delivery of Heme Oxygenase Gene," <i>Circulation</i> , Vol. 105:602-607 (2002)		
	C114	Miller, Steven M. et al., "Heme Oxygenase 2 Is Present in Interstitial Cell Networks of the Mouse Small Intestine," <i>Gastroenterology</i> , Vol. 114:239-244 (1998)		
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	C121	Morita, Shunsuke, "Cardiovascular disease and heme oxygenase carbon monoxide system," <i>Igaku no Ayumi (Advances in Medicine)</i> , Vol. 197(9):737-741 (2001)	
	C122	Morse, Danielle et al., "Carbon Monoxide-dependent signaling," <i>Crit. Care Med.</i> , Vol. 30(1):S12-S17 (2002)	
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	C125	Motterlini, Roberto et al., "Carbon Monoxide-Releasing Molecules, Characterization of Biochemical and Vascular Activities," <i>Circ. Res.</i> , Vol. 90:e17-e24 (2002)	
	C126	Myers, Robert P. et al., "Cirrhotic Cardiomyopathy and Liver Transplantation," <i>Liver Transplantation</i> , Vol. 6(4, Suppl. 1):S44-S52 (2000)	
	C127	Nachar, Raúl A. et al., "Low-Dose Inhaled Carbon Monoxide Reduces Pulmonary Vascular Resistance During Acute Hypoxemia in Adult Sheep," <i>High Altitude Medicine & Biology</i> , Vol. 2(3):377-386 (2001)	
	C128	Nagata, M. et al., "Destruction of Islet Isografts by Severe Nonspecific Inflammation," <i>Transplantation Proceedings</i> , Vol. 22(2):855-856 (1990)	
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	C130	Nakao, Atsunori et al., "A Single Intraperitoneal Dose of Carbon Monoxide-Saturated Ringer's Lactate Solution Ameliorates Postoperative Ileus in Mice," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 319(3):1265-1275 (2006)	

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	C131	Nakao; A. et al., "Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility," <i>Gut</i> , Vol. 52:1278-1285 (2003)	
	C132	Nakao, Atsunori et al., "Protective effect of carbon monoxide inhalation for cold-preserved small intestinal grafts," <i>Surgery</i> , Vol. 134:285-292 (2003)	
	C133	Nath, Karl A. et al., "Heme protein-induced chronic renal inflammation: Suppressive effect of induced heme oxygenase-1," <i>Kidney International</i> , Vol. 59:106-117 (2001)	
	C134	Ning, Wen et al., "TGF-β1 stimulates HO-1 via the p38 mitogen-activated protein kinase in A549 pulmonary epithelial cells," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 283:L1094-L1102 (2002)	
	C135	Novotný, Ladislav et al., "Inverse Relationship Between Serum Bilirubin and Atherosclerosis in Men: A Meta-Analysis of Published Studies," <i>Exp. Biol. Med.</i> , Vol. 228:566-571 (2003)	
	C136	Omaye, Stanley T., "Metabolic modulation of carbon monoxide toxicity," <i>Toxicology</i> , Vol. 180:139-150 (2002)	
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	C138	Otterbein, Leo E. et al., "Carbon Monoxide, a Gaseous Molecule with Anti-Inflammatory Properties," <i>Disease Markers in Exhaled Breath</i> , Claude Lenfant, Ed., Marcel Dekker, Inc., Vol. 170, Chpt. 6, pgs. 133-156 (2003)	
	C139	Otterbein, Leo E. et al., "Carbon monoxide has anti-inflammatory effects involving the mitogen-activated protein kinase pathway," <i>Nature Medicine</i> , Vol. 6(4):422-428 (2000)	
	C140	Otterbein, Leo E. et al., "Carbon monoxide inhibits TNFα-induced apoptosis and cell growth in mouse fibroblasts," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A285 (1999)	

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	C141	Otterbein, Leo E., "Carbon Monoxide: Innovative Anti-inflammatory Properties of an Age-Old Gas Molecule," <i>Antioxidants & Redox Signaling</i> , Vol. 4(2):309-319 (2002)	
	C142	Otterbein, Leo E. et al., "Carbon Monoxide Mediates Anti-inflammatory Effects Via the P38 Mitogen Activated Protein Kinase Pathway," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 256 (2000)	
	C143	Otterbein, Leo E. et al., "Carbon Monoxide Modulates Lipopolysaccharide (LPS)-Induced Inflammatory Responses In Vivo and In Vitro," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A481 (1999)	
	C144	Otterbein, Leo E. et al., "Carbon Monoxide Protects Against Oxidant-Induced Lung Injury in Mice Via the p38 Mitogen Activated Protein Kinase Pathway," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 332 (2000)	
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	C146	Otterbein, Leo E. et al., "Carbon Monoxide Provides Protection Against Hyperoxic Lung Injury in Rats," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A218 (1999)	
	C147	Otterbein, Leo E. et al., "Carbon monoxide suppresses arteriosclerotic lesions associated with chronic graft rejection and with balloon injury," <i>Nature Medicine</i> , Vol. 9(2):183-190 (2003)	
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	C151	Otterbein, Leo et al., "Hemoglobin Provides Protection against Lethal Endotoxemia in Rats: The Role of Heme Oxygenase-1," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 13:595-601 (1995)	
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	C153	Otterbein, Leo E. et al., "Protective Effects of Heme Oxygenase-1 in Acute Lung Injury," <i>Chest</i> , Vol. 116:61S-63S (1999)	
	C154	Otterbein, Leo E. et al., "Carbon monoxide at low concentrations induces growth arrest and modulates tumor growth in mice," <i>Exp. Biol. Med.</i> , Vol. 228(5):633 (2003)	
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	C161	Otterbein, Leo E., "Carbon Monoxide to Prevent Circulatory Collapse," CRISP Grant No. 5R01HL076167-04 (2006)	
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	C181	Roberts, James R. et al., "Successful Heart Transplantation From a Victim of Carbon Monoxide Poisoning," <i>Annals of Emergency Medicine</i> , Vol. 26(5):652-655 (1995)	
	C182	Rücker, Martin et al., "Reduction of inflammatory response in composite flap transfer by local stress conditioning-induced heat-shock protein 32," <i>Surgery</i> , Vol. 129:292-301 (2001)	
	C183	Ryter, Stefan W. et al., "Heme Oxygenase-1/Carbon Monoxide From Basic Science to Therapeutic Applications," <i>Physiol. Rev.</i> , Vol. 86:583-650 (2006)	
	C184	Ryter, Stefan W. et al., "Heme oxygenase/carbon monoxide signaling pathways: Regulation and functional significance," <i>Molecular and Cellular Biochemistry</i> , Vol. 234/235:249-263 (2002)	
	C185	Ryter, Stefan W. et al., "Heme Oxygenase-1: Molecular Mechanisms of Gene Expression in Oxygen-Related Stress," <i>Antioxidants & Redox Signaling</i> , Vol. 4(4):625-632 (2002)	
	C186	Ryter, Stefan W. et al., "Regulation of endothelial heme oxygenase activity during hypoxia is dependent on chelatable iron," <i>Am. J. Physiol. Heart Circ. Physiol.</i> , Vol. 279:H2889-H2897 (2000)	
	C187	Ryter, Stefan et al., "Mitogen activated protein kinase (MAPK) pathway regulates heme oxygenase-1 gene expression by hypoxia in vascular cells," <i>Exp. Biol. Med.</i> , Vol. 228(5):607 (2003)	
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	C189	Sarady, Judit K. et al., "Carbon Monoxide Modulates Endotoxin-Induced Production of Granulocyte Macrophage Colony-Stimulating Factor in Macrophages," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 27:739-745 (2002)	
	C190	Sarady, Judit K. et al., "Cytoprotection by heme oxygenase/CO in the lung," <i>Disease Markers in Exhaled Breath, Basic Mechanisms and Clinical Applications</i> , Nandor Marcin, Ed., IOS Press, pgs. 73-78 (2002)	

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	C191	Sasidhar, Madhu et al., "Exogenous Carbon Monoxide Attenuates Mitogen Activated Protein Kinase (MAPK) Activation in Rat Pulmonary Artery Endothelial Cells Exposed to Hypoxia," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A352 (1999)	
	C192	Sass, Gabriele et al., "Heme Oxygenase-1 and Its Reaction Product, Carbon Monoxide, Prevent Inflammation-Related Apoptotic Liver Damage in Mice," <i>Hepatology</i> , Vol. 38:909-918 (2003)	
	C193	Sato, K. et al., "Heme Oxygenase-1 or Carbon Monoxide Prevents the Inflammatory Response Associated with Xenograft Rejection," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 345 (2000)	
	C194	Sato, Koichiro et al., "Carbon monoxide can fully substitute Heme Oxygenase-1 in suppressing the rejection of mouse to rat cardiac transplants," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 348 (2000)	
	C195	Sato, Koichiro et al., "Carbon Monoxide Generated by Heme Oxygenase-1 Suppresses the Rejection of Mouse-to-Rat Cardiac Transplants," <i>The Journal of Immunology</i> , Vol. 166:4185-4194 (2001)	
	C196	Schipper, H.M. et al., "Expression of Heme Oxygenase-1 in the Senescent and Alzheimer-diseased Brain," <i>Ann. Neurol.</i> , Vol. 37:758-768 (1995)	
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	C198	Seyfried, S. et al., "HO-1 Induction protects mice from immune-mediated liver injury," <i>Naunyn-Schmiedeber's Archives of Pharmacology</i> , Vol. 367:R80 (2003)	
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	C200	Shennib, Hani et al., "Successful Transplantation of a Lung Allograft from a Carbon Monoxide-poisoning Victim," <i>J. Heart Lung Transplant</i> , Vol. 11:68-71 (1992)	

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	C201	Singhal, Aneesh B. et al., "Effects of Normobaric Hyperoxia in a Rat Model of Focal Cerebral Ischemia-Reperfusion," <i>Journal of Cerebral Blood Flow & Metabolism</i> , Vol. 22:861-868 (2002)		
	C202	Siow, Richard C.W. et al., "Heme oxygenase-carbon monoxide signalling pathway in atherosclerosis: anti-atherogenic actions of bilirubin and carbo monoxide," <i>Cardiovascular Research</i> , Vol. 41:385-394 (1999)		
	C203	Slebos, Dirk-Jan et al., "Heme oxygenase-1 and carbon monoxide in pulmonary medicine," <i>Respiratory Research</i> , Vol. 4(7):1-13 (2003)		
	C204	Smith, Julian A. et al., "Successful Heart Transplantation with Cardiac Allografts Exposed to Carbon Monoxide Poisoning," <i>J. Heart Lung Transplant</i> , Vol. 11:698-700 (1992)		
	C205	Soares, M.P. et al., "Expression of heme oxygenase-1 can determine cardiac xenograft survival," <i>Nature Medicine</i> , Vol. 4(9):1073-1077 (1998)		
	C206	Soares, Miguel P. et al., "Heme oxygenase-1, a protective gene that prevents the rejection of transplanted organs," <i>Immunological Reviews</i> , Vol. 184:275-285 (2001)		
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	C211	Song, Ruiping et al., "Regulation of IL-1 β -induced GM-CSF production in human airway smooth muscle cells by carbon monoxide," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 284:L50-L56 (2003)		
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	C221	Tenhuunen, Raimo et al., "The Enzymatic Conversion of Heme to Bilirubin by Microsomal Heme Oxygenase," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 61(2):748-755 (1968)	
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	C231	Verma, Ajay et al., "Carbo Monoxide: A Putative Neural Messenger," <i>Science</i> , Vol. 259:381-384 (1993)	
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	C259	Supplementary European Search Report for Application No. 03746978.0, dated September 24, 2009	
	C260	International Search Report for Application No. PCT/US2007/016032, dated December 21, 2007	
	C261	International Search Report for Application No. PCT/US2007/016023, dated May 2, 2008	

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